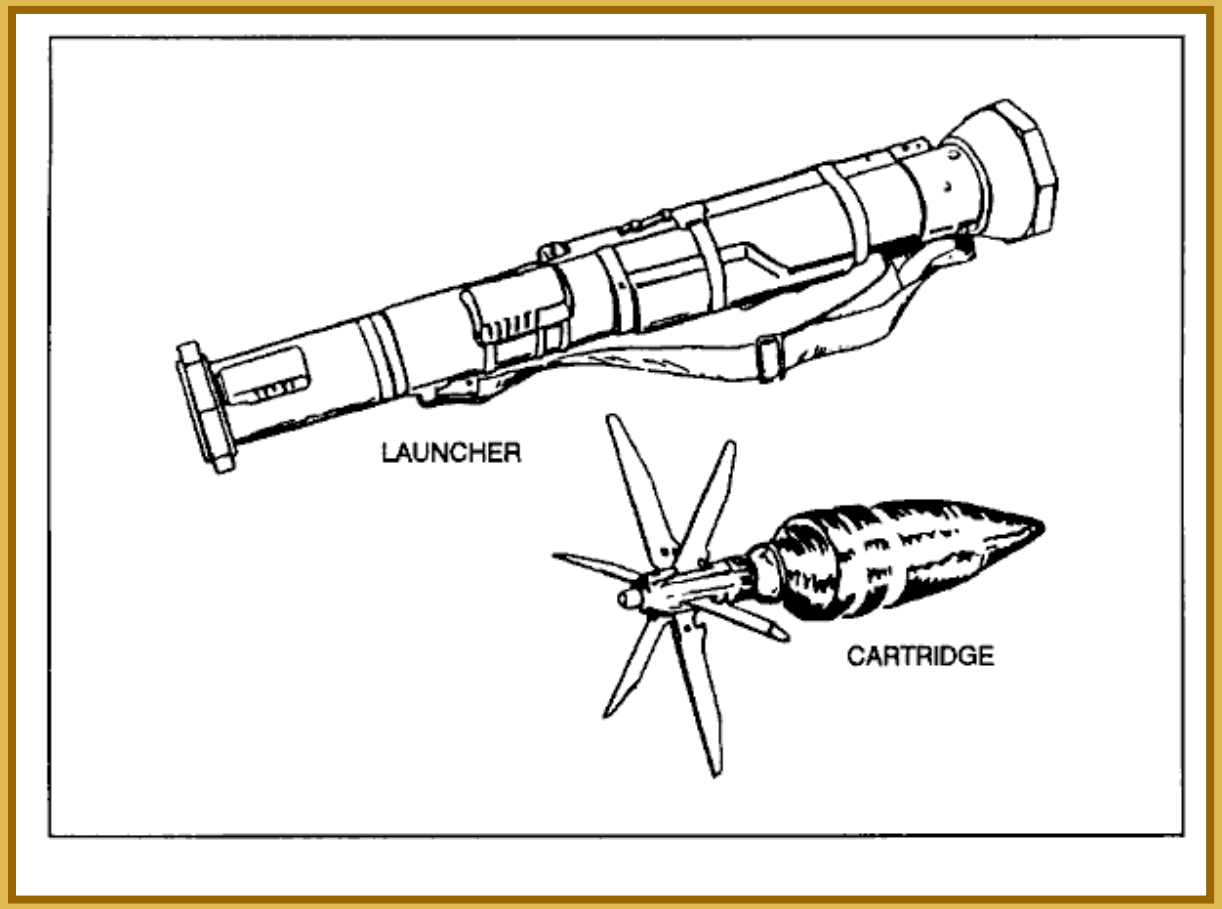
Inspection of Launcher and Cartridge, 84mm HE M136 (AT4)



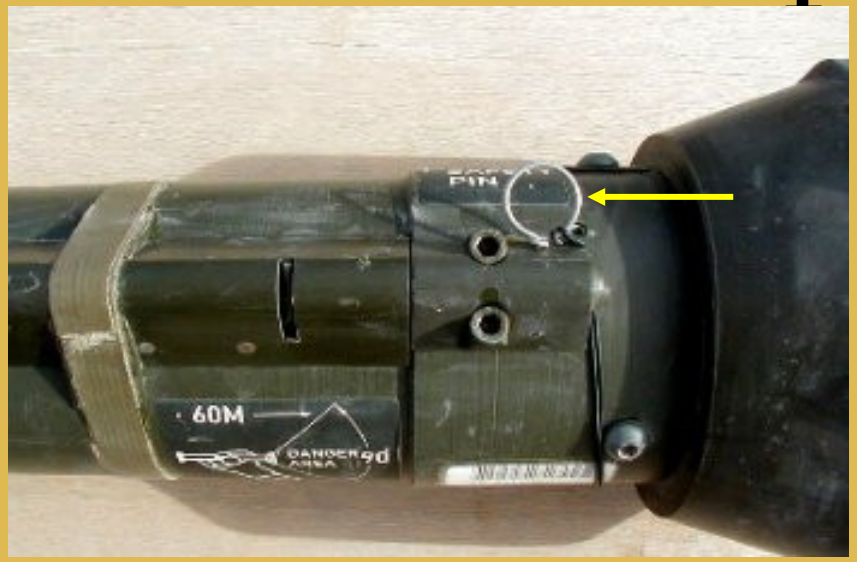
Inspection Guidance

This guide is intended to provide using units the basic inspection guidance necessary to determine the safety and serviceability of their AT4 weapons. Weapons that are found with deficiencies should be immediately removed from service. Weapon malfunctions or weapons found with defective safety devices should be reported immediately to a Quality Assurance Specialist (Ammunition Surveillance) (QASAS). Contact your servicing Ammunition Supply Point if you need assistance in locating QASAS personnel.

These inspections are intended to be performed on those weapons that have been placed in service. The AT4 should not be removed from its barrier bag for inspection. Only the minimum quantity of AT4's needed to support operations should be removed from their barrier bags.

References:
SB 742-1
TM 9-1315-886-12

Transport Safety Pin



Transport Safety Pin Present

Transport Safety Pin is present and installed correctly. Pin should have elastic lanyard attached. Orientation of the elastic lanyard should be holding the safety pin in.

If the Transport Safety Pin is present, but the elastic lanyard is missing, the round is in a safe condition, but should not be issued due to risk of losing the safety pin.

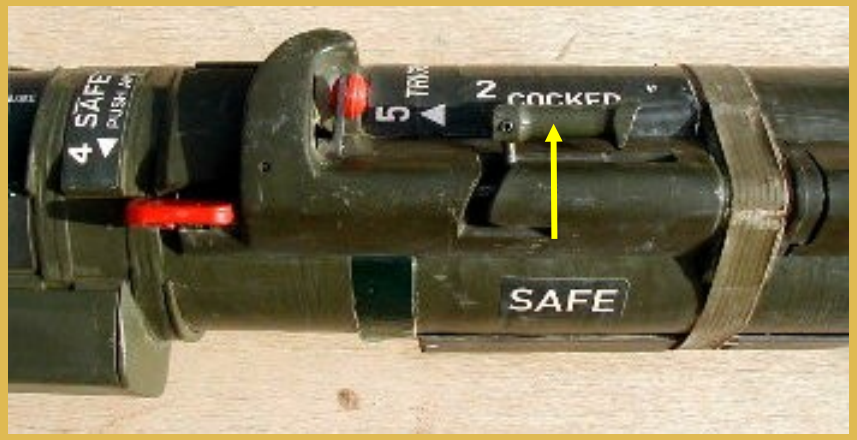
Transport Safety Pin Missing

Remove from service if safety pin is missing.
If the safety pin is missing, a pin may be recovered from an expended launcher. If a field expedient is necessary, use a cotter pin 1/16 in. diameter x 1 to 1-1/8 in. length (or equivalent wire) with a ring of wire through the end loop for handling. The pin should be bent slightly to form a curve, using a round object approximately 5-1/2 in. diameter. A used grenade safety pin, bent as described, meets this requirement

Cocking Lever

Cocking Lever in the Safe Position

When the lever is in the SAFE position, there is no engagement between the firing rod and the trigger. Ensure that the cocking lever is in this position.



Cocking Lever in the Cocked Position

Cocking lever is attached to the firing rod. When the weapon is cocked, the firing rod is engaged with the trigger through the hooks on the front part of firing rod and trigger. If the weapon is cocked but not fired, it must be returned to the safe position. Follow procedures in TM 9-1315-886-12. Ensure that the Red Safety Release Catch is in the safe position and that the Transport Safety Pin is in place prior to uncocking the weapon.

Red Safety Release Catch

Red Safety Release Catch in Safe Position

The Red Safety Release Catch should be in the upright position. The Red Safety Release Catch should not be able to be depressed into the armed position when the Cocking Lever is in the safe position. In this position, the firing rod will be interrupted by the catch.

If a weapon is cocked then returned to safe, be certain that the Red Safety Release Catch is not depressed when returning cocking lever to safe position,

Red Safety Release Catch in Firing Position

The Red Safety Release Catch is in the armed position when folded flat against the firing tube. In this position, the firing rod interrupter is swiveled out of the path of the firing rod. The Red Safety Release Catch should only be able to be placed in this position if the weapon is cocked. The Red Safety Release Catch should return to the safe position when not held down.

Do not cock the weapon to perform this check.

Muzzle Cover

Muzzle Cover Serviceable

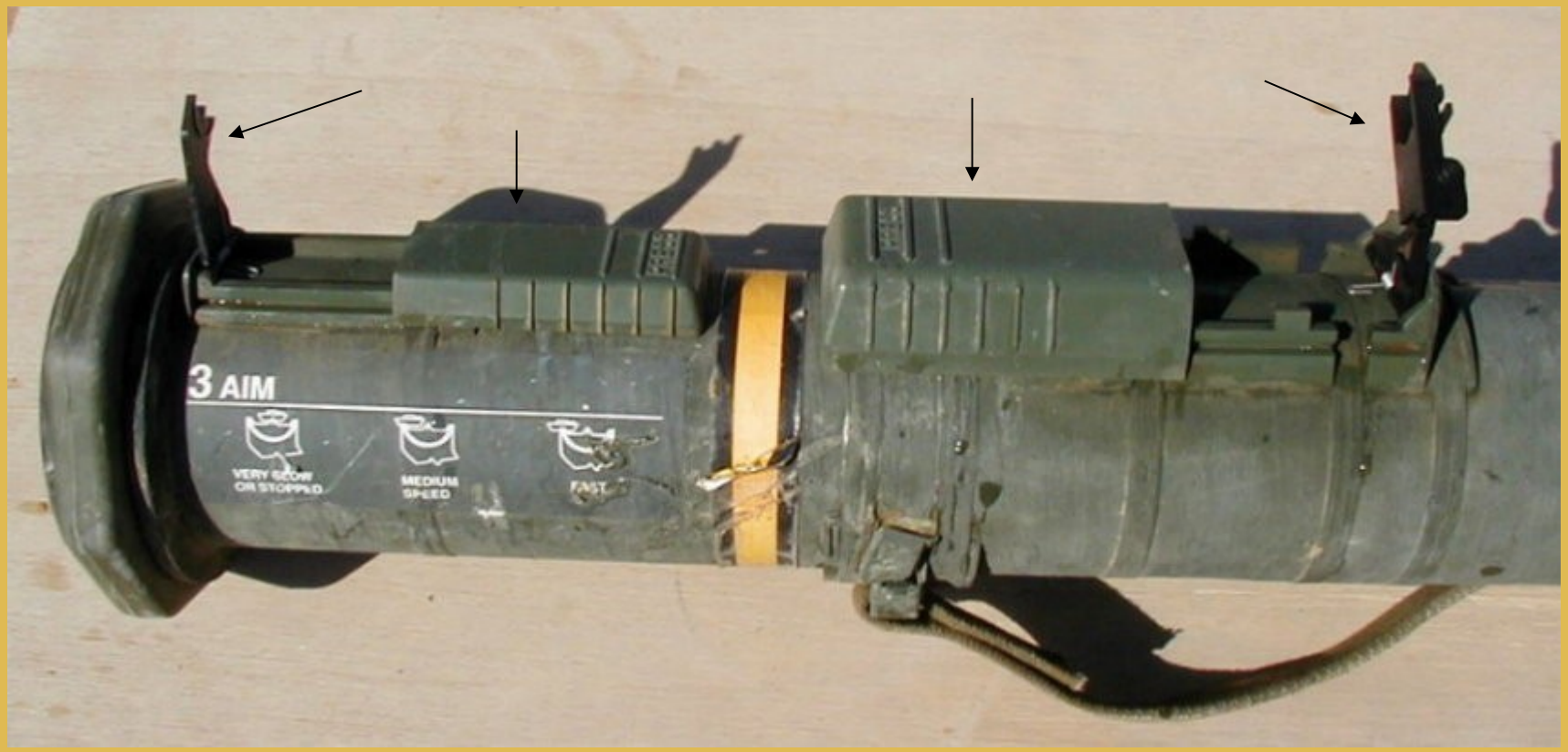
Muzzle Cover Torn

Weapons with torn muzzle covers could allow foreign objects to enter the firing tube. These rounds should be removed from service.

Launch Tube

If the launch tube is perforated, broken, cracked, crazed, dented, bent, gouged or white plastic visible, remove the weapon from service. A slight rattling noise from fin assembly inside launch tube is not a defect.

Sight Assemblies



Dusty conditions can make the sight assembly covers difficult to open. Ensure that the covers will open without undue effort. Sights should pop up when covers are opened. Ensure that sights are unbroken. The rear sight should be set to the 200-meter setting. **Rear sight may be damaged if sight is not returned to 200-meter setting prior to closing.** Fold the sights in their covers and close covers.

Markings and Warning Labels

Ensure that all instructions and identification labels are present and legible. Rounds with missing or illegible markings should be removed from service.

INSTRUCTIONS
FIRE LIKE THIS
— CHECK MUZZLE COVER FOR DAMAGE
IF DAMAGED — CHECK FOR OBJECTS INSIDE TUBE
— FOLD OUT SHOULDER STOP
— RELEASE SIGHTS
1 PULL SAFETY PIN
2. COCK FIRING MECHANISM
3. AIM-SET RANGE IF KNOWN OR IF ESTIMA-
TED TO BE GREATER THAN 250 METERS
4. PUSH SAFETY AND HOLD DOWN
5. FIRE BY PUSHING TRIGGER
4 SAFETY
PUSH AND HOLD